OIPE IAP62
OCT 17 2005
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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	19

Application Number	10/686,136
Filing Date	10/15/2003
First Named Inventor	Azar Alizadeh
Art Unit	2811
Examiner Name	Hung K. Vu
Attorney Docket Number	136393-1

ENCLOSURES *(Check all that apply)*

- ☐ Fee Transmittal Form
  - ☐ Fee Attached
- ☑ Amendment/Reply
  - ☐ After Final
  - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Reply to Missing Parts/ Incomplete Application
  - ☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____
  - ☐ Landscape Table on CD
- ☐ After Allowance Communication to TC
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC **(Appeal Notice, Brief, Reply Brief)**
- ☐ Proprietary Information
- ☐ Status Letter
- ☑ Other Enclosure(s) (please Identify below):

Exhibit A - Reference entitled "Quantum Dot Heterostructures" (7 pp.); Return Postcard

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Winstead Sechrest & Minick P.C.		
Signature			
Printed name	Kelly K. Kordzik		
Date	10/14/05	Reg. No.	36,571

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	Toni Stanley		
Typed or printed name	Toni Stanley	Date	10-14-05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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--IN THE UNITED STATES PATENT AND TRADEMARK OFFICE--

re Application:	Azar Alizadeh et al.
Serial No.:	10/686,136
Filed:	October 15, 2003
Confirmation No.:	7594
Art Unit:	2811
Examiner:	Hung K. Vu
Title:	MONOLITHIC LIGHT EMITTING DEVICES BASED ON WIDE BANDGAP SEMICONDUCTOR NANOSTRUCTURES AND METHODS FOR MAKING SAME

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE UNDER 37 C.F.R. § 1.111

Dear Sir:

This paper is submitted in response the Office Action having a mailing date of July 29, 2005 ("the Office Action") issued in connection with the above-referenced Application and having a three-month shortened statutory period for response set to expire on October 29, 2005.

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.

CERTIFICATION UNDER 37 C.F.R. § 1.8

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Toni Stanley
Signature

Toni Stanley
(Printed name of person certifying)